10/786,240K YONG CHU 06-02-2006

$%^STN;HighlightOn=;**HighlightOff=;**

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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS 4	FEB 21	STN AnaVist, Version 1.1, lets you share your STN AnaVist visualization results
NEWS 5	FEB 22	The IPC thesaurus added to additional patent databases on STN
NEWS 6	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS 7	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS 8	MAR 03	Updates in PATDPA; addition of IPC 8 data without attributes
NEWS 9	MAR 22	EMBASE is now updated on a daily basis
NEWS 10	APR 03	New IPC 8 fields and IPC thesaurus added to PATDPAFULL
NEWS 11	APR 03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL
NEWS 12	APR 04	STN AnaVist $500 visualization usage credit offered
NEWS 13	APR 12	LINSPEC, learning database for INSPEC, reloaded and enhanced
NEWS 14	APR 12	Improved structure highlighting in FQHIT and QHIT display in MARPAT
NEWS 15	APR 12	Derwent World Patents Index to be reloaded and enhanced during second quarter; strategies may be affected
NEWS 16	MAY 10	CA/CAplus enhanced with 1900-1906 U.S. patent records
NEWS 17	MAY 11	KOREAPAT updates resume
NEWS 18	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS 19	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAplus and USPATFULL/USPAT2
NEWS 20	MAY 30	The F-Term thesaurus is now available in CA/CAplus
NEWS EXPRESS		FEBRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),

AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
V8.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT
http://download.cas.org/express/v8.0-Discover/

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8
NEWS X25 X.25 communication option no longer available after June 2006

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FULL ESTIMATED COST	0.21	0.21

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=> s 4-iodobutylphosphonic acid
       5336604 4
             2 IODOBUTYLPHOSPHONIC
       4155499 ACID
       1525331 ACIDS
       4646047 ACID
                 (ACID OR ACIDS)
L1           2 4-IODOBUTYLPHOSPHONIC ACID
                 (4(W)IODOBUTYLPHOSPHONIC(W)ACID)

=> d ibib abs hitstr tot
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L1 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:99143 CAPLUS
DOCUMENT NUMBER: 142:176946
TITLE: Preparation of alkanephosphonic acid derivatives as type-I methionyl aminopeptidases (MetAP) inhibitors in antibacterial targeting
INVENTOR(S): Holz, Richard C.; Copik, Alicja J.; Swierczek, Krzysztof; Swierczek, Sabina
PATENT ASSIGNEE(S): USA
SOURCE: U.S. Pat. Appl. Publ., 21 pp.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005026873	A1	20050203	US 2004-786240	20040225
PRIORITY APPLN. INFO.:			US 2003-491074P P	20030730

OTHER SOURCE(S): CASREACT 142:176946; MARPAT 142:176946
AB Compds. of formula Y(CH2)nCH(NH2)X [X = CH2SH, CH2OH, NHOH, PO3H2, pyrazoles, imidazoles, oxazoles, isoxazoles, thiazoles, isothiazoles, triazoles, oxadiazoles, thiadiazoles; Y = COCZ, C(EWG)Z, SOCZ, SO2CZ, CH2:CH, CH2:CHCO, Q, EWGCH:C(EWG)-, CH2:CHSO2, CH2:CHSO, CH2:C(EWG)-; wherein: EWG = an electron withdrawing group selected from the group consisting of CHO, COR, CO2H, CO2R, NO2, cyano, SOR, SO2R, and SO2OR; Z = Cl, Br, iodo; R = alkyl or aryl group selected from the group consisting of Me, Et, Pr, iso-Pr, Bu, sec-Bu, tert-Bu, each (un)substituted Ph or naphthyl; n = an integer] and pharmaceutically acceptable salts thereof are prepared These compds. act as mol. inhibitors to target new enzymic targets on bacteria and provide a new class of bactericidal compds. They provide for selective inhibition of Type I methionyl aminopeptidases (MetAPs) in bacteria. Because humans and other animals have both type-I and type-II MetAPs, which are functionally equivalent, the compds. are bactericidal but do not completely inhibit MetAP activity in humans and other animals. The compds. also have anti-microbial activity in microbes other than bacteria provided the targeted microbes have predominately type-I MetAP. Thus, 4-bromobutylphosphonic acid di-Et ester (3.28 g, 12 mmol) was refluxed with hydroiodic acid (55-58%, 20 mL) for 24 h to give, after workup and titration with concentrated aqueous NaOH solution, **4-iodobutylphosphonic acid** disodium salt (I) (3.70 g, 100%). Since only Cys59 in EcMetAP-1 appears to be accessible for covalent modification, two potential inhibitors, i.e. I and 6-phosphonohexanoic acid (II), were prepared based on mol. modeling, one of which, i.e I, contains a good leaving group (I-) and should be susceptible to nucleophilic attack while the second, i.e. II, will not undergo nucleophilic addition Reaction of wild-type EcMetAP-I with both I and II for up to 12 h resulted in the complete and irreversible loss in catalytic activity for EcMetAP-I in the presence of I. As expected, II did not significantly alter the catalytic activity of EcMetAP-I. PJMetAP-II was not significantly inhibited by either I or II.

L1 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1960:67035 CAPLUS
DOCUMENT NUMBER: 54:67035
ORIGINAL REFERENCE NO.: 54:12843f-h
TITLE: Brightening additives for electroplating baths
INVENTOR(S): Haas, Hermann; Kirstahler, Alfred; Gundel, Wolfgang; Strauss, Wennemar
PATENT ASSIGNEE(S): DEHYDAG Deutsche Hydrierwerke G. m. b. H.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1023647		19580130	DE 1954-D19019	19541030

AB Bright Ni, Co, bronze, and brass electrodeposits are obtained at <60° and 0.5-12 amp./sq. dm. from baths containing 0.01-20 g./l. of a compound of the general formula XRY, in which X is a halogen or pseudohalogen atom; R is an aliphatic or aromatic hydrocarbon radical possibly containing other substituent groups, and Y is a H2O-solubilizing group other than SO3H, e.g. SO4H, phosphate, PO(OH)2, PO(R')OH. In the latter group R' is H or a hydrocarbon radical. Aliphatic compds. carrying halogen and ≥2 OH groups are also suitable for use as brighteners. The acids are used in the form of their alkali metal salts. Examples mentioned are bromoethylphosphonic acid, 3-bromopropylphosphonic acid, **4-iodobutylphosphonic acid**, 2-bromoethylphosphate, trichloromethylphosphonic acid, ethylene bromohydrin triglycol ether, and 4-bromophenyl phosphate.